Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 05 May 2022 until 23:59 on Friday 06 May 2022

Forecast Issued on Thursday 05 May 2022 at 00:40

Confidence: High for the overall story but moderate for timings and intensity of the rain on Friday. High for a spell of fine and dry weather over the weekend.

Headline for Thursday 05 May 2022: Dry. Feeling pleasant in spells of sunshine.

Mountain weather hazards on Thursday 05 May 2022

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Low Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Sunny intervals	Sunny intervals	Cloudy	Sunny intervals	Partly cloudy (night)
Precipitation probability					
10%	<05%	10%	20%	10%	<05%

Forecast for Thursday 05 May 2022

Weather: Some mist and patchy low cloud first thing, but this will break and lift shortly after sunrise. Largely dry thereafter, with sunny spells for most, although they are expected to be more frequent or prolonged in eastern parts.

Chance of cloud-free hill tops above 600m: Around 20% in the west at first, 40% in the east. Becoming >95% by late morning.

Low cloud and visibility: Generally good in the east at first, with patchy low cloud around 500m, but poor in the west, with broken cloud as low as 350m. The cloud will lift above summits by late morning, with the visibility becoming excellent all around.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Thursday 05 May 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/15 W	12/16 W	14/19 W	15/20 W	12/17 W	12/15 SW	12/17 SW
300	7/9 W	9/12 W	9/13 W	10/16 W	7/11 W	8/10 SW	7/13 SW
Valley	3/7 W	6/10 W	8/14 W	9/17 W	6/13 W	4/9 SW	4/13 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/2	7/4	10/7	11/8	10/8	9/6	8/6
300	7/5	10/8	13/11	14/12	13/12	12/10	10/9
Valley	8/7	11/10	14/13	15/13	14/13	11/10	10/10
Freezing Level*	2000m	2100m	2100m	2300m	2200m	2300m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Breezy at height but feeling pleasantly warm to the lee of any hills. Moderate to high UV levels. Sun screen would be advisable if spending time on the mountains.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 05 May 2022	9.6mm	10.4mm	17.8mm

Forecast for Friday 06 May 2022

Weather: Some mist and areas of low cloud at first, slowly lifting through the morning. However, cloud will increase in the afternoon with a band of rain, moving southeastwards later in day. The rain will be heavy at times and accompanied by low cloud and hill fog. The rain will clear southeast during the evening, allowing clear spells to develop.

Maximum wind: Westerly 15-20mph with gusts 25-30mph

Chance of cloud-free hill tops above 600m: 10-20% in the west at first, 30-40% in the east. Becoming 80-90% for a time around midday, but down to around 20-30% in the late afternoon again. Increasing to 95% later in the evening.

Low cloud and visibility: Generally good in the east at first, with patchy low cloud around 450m, but mediocre in the west, with broken cloud as low as 300m. The visibility will improve to become good for a time, but will fall to poor or mediocre in any rain, with hill fog rolling in and the cloud becoming as low as 300-400m, particularly in the west.

Temperature: **Valleys:** Plus 8 deg C rising to 17 deg C by the early afternoon.
At 600m: Plus 6 deg C rising to 11 deg C by the early afternoon.
Freezing level: Above summits.

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